**C:\Documents and Settings\BW101\Local Settings\Temporary Internet Files\Content.IE5\F61V450B\MC900435538[1].wmfC:\Documents and Settings\BW101\Local Settings\Temporary Internet Files\Content.IE5\F61V450B\MC900435538[1].wmfHOW BIG IS YOUR FOOT?**

On a piece of paper, trace the outline of your largest foot *without your shoe on*. The heal should just touch the bottom edge of the paper. Now, cut out this outline of your foot. The length of this foot will now be used as a nonstandard measure (inch, mile, yard, ect.) in the following way; your name – shoe – unit. For example, the length of Chad’s foot will now be called a Chad-Shoe-Unit. Use your shoe-unit to measure yourself. For example, Chad would measure himself in Chad-shoe-units. Chad’s partner *would not* use Chad-shoe-units. In pairs, complete the following information:

|  |  |
| --- | --- |
| Name of Person #1:  Person #1 will be measured in  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe-units.   * I am \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe- units tall. * I measure \_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe-units- from the tip of my longest finger to my shoulder. * I measure \_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe-units from the top to the bottom of my head. * I measure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe-units from the tips of my fingers on my left hand to the tips of my fingers on my right hand when I hold my arms out parallel to the floor. * I measure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe-units from the tip of my thumb to the tip of my pinky when my hand is opened as far as possible. * I measure\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ shoe-units from my wrist to my elbow. | Name of Person #2:  Person #2 will be measured in  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe-units.   * I am \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe- units tall. * I measure \_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe-units- from the tip of my longest finger to my shoulder. * I measure \_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe-units from the top to the bottom of my head. * I measure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe-units from the tips of my fingers on my left hand to the tips of my fingers on my right hand when I hold my arms out parallel to the floor. * I measure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_shoe-units from the tip of my thumb to the tip of my pinky when my hand is opened as far as possible. * I measure\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ shoe-units from my wrist to my elbow. |

Complete the following:

* Write at least three observations you made while measuring.
* Write any questions that you faced while doing this activity.
* If you came up with an answer to your question write it and say how you came up with this answer.
* Compare answers with other groups. Do you notice any similarities or any differences for a specific measurement?